		4
		Ω
	=	CT
=		u
\sim		N
\sim		
_		\boldsymbol{c}
_		•
-		
		•
•		
		.
		-

PTO/SB/05 (4/98)

Please type a plus sign (+) inside this box

Approved for use through 09/30/2000. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL

B-1482 Attorney Docket No.

First Inventor or Application Identifier Yong Wang, et al. reforming of a Title

EJ017935648US Express Mail Label No.

Only for new n	conprovisional applications under 37 C.F.R. § 1.53(b), Expres	s Mail Label No. EJ017935648US	25			
A See MPEP cha	PPLICATION ELEMENTS apter 600 concerning utility patent application contents.	Assistant Commissioner for Patents ADDRESS TO: Box Patent Application Washington, DC, 20231	000 000 000 000 000 000 000 000 000 00			
Prior ap	ontinuation Divisional Continuation-in-part (Continuation information: Examiner UATION or DIVISIONAL APPS only: The entire disclosure of the accompany	Group / Art Unit: of the prior application, from which an oath or declaration is suppling continuation or divisional application and is hereby incorporates been inadvertently omitted from the submitted application pa	- lied ated b			
Custor.	mer Number or Bar Code Label (Insert Customer No. or Atta	or 🛛 Correspondence address belo	w			
Name	Paul W. Zimmerman (K1-53) Battelle Memorial Institute					
Address	P.O. Box 999					
City	Richland State	WA Zip Code 99352 (509) 375-2981 Fax (509) 375-448				
/		$(500) 375_{2}981 Fax (509) 3/5-440$				

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

PTO/SB/17 (12-98)
Approved for use through 09/30/2000. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL			Complete if Known					
I LE IIIANOMITTAE			Application Number			•		
for FY 1999		Filing Date						
Patent fees are subject to annual revision.		First Named Inventor You		Yong V	Mang et al.			
Small Entity payments <u>must</u> be supported by a small entity statem otherwise large entity lees must be paid. See Forms PTO/SE/09		ent,						
unerwise large entity fees must be paid. See Furilis F10/30/03		Group / Art Unit		-				
TOTAL AMOUNT OF PAYMENT (\$) 380.00					B-148	32		
METHOD OF DAVISENT (-1)								
METHOD OF PAYMENT (check one)		FEE CALCULATION (continued) 3. ADDITIONAL FEES						
1. The Commissioner is hereby authorized to charge indicated fees and credit any over payments to: Deposit Account Number		e Entity Fee e (\$)	Sma Fee			Fee D	escription	Fee Paid
		130	205	65			ing fee or oath	
Deposit Account Name Battelle Memorial Institute Pacific Northwest Division	127	50	227	25	Surcha cover s		ovisional filing fee or	
Charge Any Additional Fee Required Under	139	130	139			nglish specil		<u> </u>
37 CFR 1.16 and 1.17		2,520		2,520		•	for reexamination ation of SIR prior to	<u> </u>
2. Payment Enclosed:	112	920°		920*	Exami	ner action	•	
Check Money Other	113	1,840*	113	1,840°	Reque Examir	sting publica ner action	ation of SIR after	
		110	215	55			within first month	
FEE CALCULATION		380	216	190			within second month	`
1. BASIC FILING FEE Large Entity Small Entity	117	870	217				within third month	
Fee Fee Fee Fee Description Code (\$) Code (\$) Fee Paid	1	1,360	218			. •	within fourth month	<u> </u>
101 760 201 380 Utility filing fee 380		1,850					within fifth month	
106 310 206 155 Design filing fee	119		219			of Appeal	port of an appeal	
107 480 207 240 Plant filing fee	120	300	220		-	st for oral he	• • • • • • • • • • • • • • • • • • • •	
108 760 208 380 Reissue filing fee	121	260 1,510	221 138 ⁻		•		a public use proceed	ding
114 150 214 75 Provisional filing fee	140		240	55			unavoidable	
SUBTOTAL (1) (\$) 380.00		1,210			Petition	n to revive -	unintentional	
2. EXTRA CLAIM FEES	1	•	242		Utility i	ssue fee (or	reissue)	
Fee from Extra Claims below Fee Paid	143	430	243	215	Design	issue fee		
Total Claims 9 -20** = 0 X = 0	144	580	244	290	Plant is	ssue fee		
Independent 3 - 3** = 0 X = 0	122	130	122	130	Petitio	ns to the Co	mmissioner	
Multiple Dependent	123	50	123	50	Petitio	ns related to	provisional applicati	ons
**or number previously paid, if greater, For Reissues, see below Large Entity Small Entity	126	240	126	240	Submi	ssion of Info	rmation Disclosure S	itmt
Fee Fee Fee Fee Fee Description Code (\$) Code (\$)	581	. 40 	581	40			itent assignment per mber of properties)	
103 18 203 9 Claims in excess of 20	146	760	246	380		a submissior R 1.129(a))	after final rejection	
102 78 202 39 Independent claims in excess of 3	149	760	249	380	For ea	ch additiona	I invention to be	
104 260 204 130 Multiple dependent claim, if not paid 109 78 209 39 ** Reissue Independent claims					examir	ned (37 CFF	l 1.129(b))	
over original patent	Other	fee (sp	ecify)					. []
110 18 210 9 ** Reissue claims in excess of 20 and over original patent								
SUBTOTAL (2) (\$) -0- Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) _0_) _0_	
SUBMITTED BY							Complete (if	applicable)
Typed or Paul W. Zimmerman					,		Reg. Number	34,761
Signature Laul W. Simmunum				Date	99/	106/17	Deposit Account User ID	005055

EXPRESS MAIL MAILING LABEL #EJ017935648US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Y Wang, DP Vanderwiel, AY Tonkovich
)

For: A METHOD FOR STEAM REFORMING

OF A HYDROCARBON

Our Ref. No: B-1482

Date: August 17, 1999

CERTIFICATE OF MAILING

Box PATENT APPLICATION Assistant Commissioner for Patents Washington, DC 20231

Dear Sir:

The undersigned hereby certifies that the attached:

are being deposited with the United States Postal Service as:

[] First Class Mail [X] Express Mail - Label <u>#EJ017935648US</u>

in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231, on the date set forth below.

Signature

Date Deposited

Janice K. Laybourn (K1-53)
Intellectual Property Services
Battelle Memorial Institute
Pacific Northwest Division
P.O. Box 999
Richland, WA 99352
(509) 375-2655